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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 04854/HG U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/516756
INTERNATIONAL APPLICATION NO. PCT/JP03/07357	INTERNATIONAL FILING DATE 10 June 2003	PRIORITY DATE CLAIMED 10 June 2002
TITLE OF INVENTION PROCESS FOR PREPARING TETRAHYDROPYRAN-4-OL AND INTERMEDIATE THEREOF AND PROCESS FOR PREPARING THE SAME		
APPLICANT(S) FOR DO/EO/US Shigetoshi NISHINO; Kenji HIROTSU; Hidetaka SHIMA; and Shinobu SUZUKI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information:		

Copy of:

- (i) REQUEST PCT/RO/101
- (ii) NOTIFICATION PCT/IB/304
- (iii) NOTICE PCT/IB/308
- (iv) INT. PREL. EXAMINATION REPORT PCT/PEA/409
- (v) WO 03/104215 A1 (title page only), the publication of PCT/JP03/07357
- (vi) REQUEST FOR PUBLICATION OF ASSIGNMENT INFO.

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Date of Deposit: December 3, 2004

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

Lori Valdes
LORI VALDES

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/516756</div>		INTERNATIONAL APPLICATION NO. <div style="font-size: 1.2em; font-weight: bold; text-align: center;">PCT/JP03/07357</div>		ATTORNEY'S DOCKET NUMBER <div style="font-size: 1.2em; font-weight: bold; text-align: center;">04854/HG</div>					
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1110.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$950.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$790.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$750.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00 <div style="text-align: right; font-weight: bold;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td style="height: 100px; vertical-align: bottom;"> <div style="text-align: right; font-weight: bold;">\$ 950.00</div> </td> <td></td> </tr> </table>		CALCULATIONS	PTO USE ONLY	<div style="text-align: right; font-weight: bold;">\$ 950.00</div>	
CALCULATIONS	PTO USE ONLY								
<div style="text-align: right; font-weight: bold;">\$ 950.00</div>									
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$.00					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$.00					
Total claims	21 - 20 =	1	X \$18.00	\$ 18.00					
Independent claims	3 - 3 =	0	X \$88.00	\$.00					
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00	\$.00					
TOTAL OF ABOVE CALCULATIONS =				\$ 968.00					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$.00					
SUBTOTAL =				\$ 968.00					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$.00					
TOTAL NATIONAL FEE =				\$ 968.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00					
TOTAL FEES ENCLOSED =				\$ 1,008.00					
				Amount to be refunded:					
				\$.00					
				Amount to be charged:					
				\$.00					

a. ☒ A check in the amount of \$ 1,008.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit
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d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed
 and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NO. 01933

Herbert Goodman
Frishauf, Holtz, Goodman & Chick P.C.
767 Third Avenue
25th Floor
New York NY 10017-2023

SIGNATURE

Herbert Goodman

NAME

17,081

REGISTRATION NUMBER


DT12 Rec'd PCT/PTO 03 DEC 2004

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Appl. No. : (U.S. National Phase Appln.
based on PCT/JP03/07357)
Applicant : Shigeyoshi NISHINO et al
Filed : Concomitantly herewith
For : PROCESS FOR PREPARING
TETRAHYDROPYRAN-4-OL AND
INTERMEDIATE THEREOF AND
PROCESS FOR PREPARING THE
SAME
Docket No. : 04854/HG
Customer No.: 01933

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Date of Deposit: December 3, 2004

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Lori Valdes

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account No. 06-1378.

**REQUEST FOR PUBLICATION OF
ASSIGNMENT INFORMATION**

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

S I R :

It is requested that the following assignment information be published as part of the 18 month publication of the present application:

UBE INDUSTRIES, LTD.
1978-96, Oaza Kogushi, Ube-shi,
Yamaguchi 755-8633 Japan

Frishauf, Holtz, Goodman
& Chick, P.C.
767 Third Ave., 25th floor
New York, NY 10017-2023
Telephone: (212) 319-4900
Facsimile: (212) 319-5101
HG/lpv

Respectfully submitted,


HERBERT GOODMAN
Reg. No. 17,081

PTO/SB/122 (10-00)

Please type a plus sign (+) inside this box → [+]

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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CHANGE OF CORRESPONDENCE ADDRESS <i>Application</i> Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Application Number	
	Filing Date	Concomitantly herewith
	First Named Inventor	S. NISHINO et al
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	04854/HG

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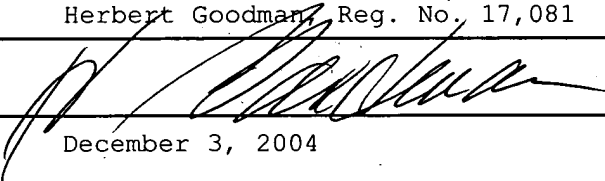
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I am the:

- ☐ Applicant/Inventor.
- ☐ Assignee of record of the entire interest.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or Agent of record.
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____

Typed or Printed Name	Herbert Goodman, Reg. No. 17,081
Signature	
Date	December 3, 2004

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

☒ Total of 1 forms are submitted.

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